

FIG. 1 PRIOR ART

10

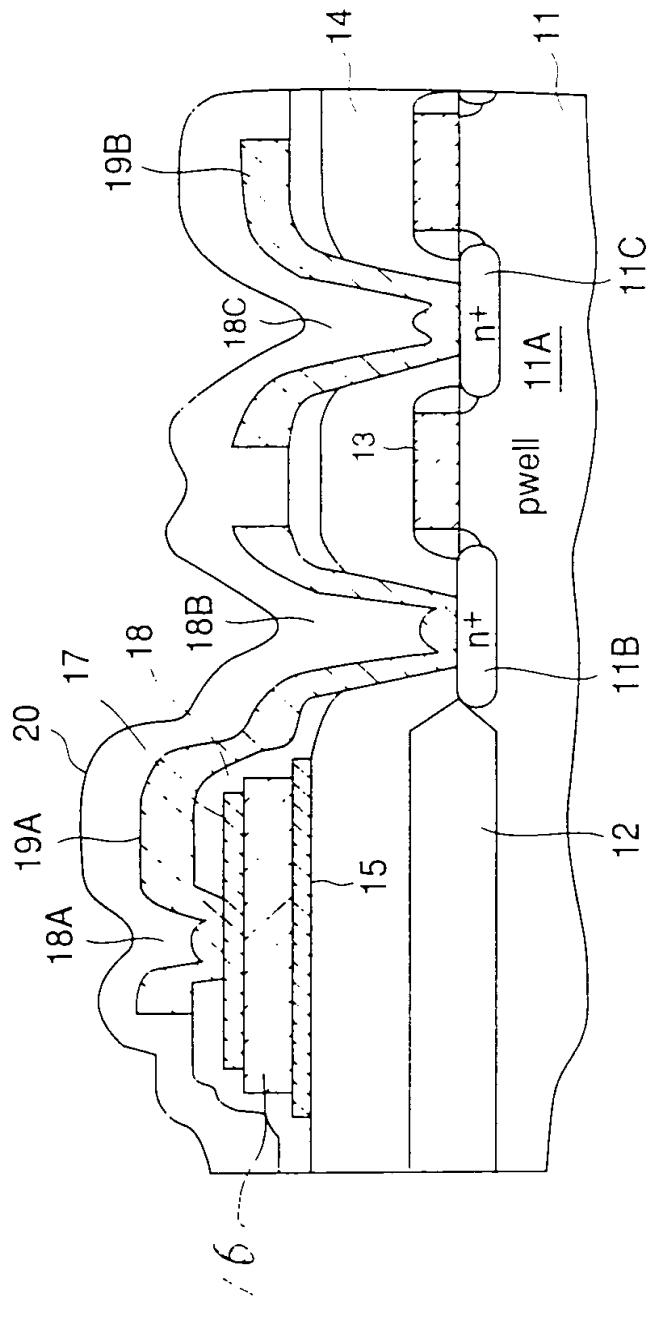
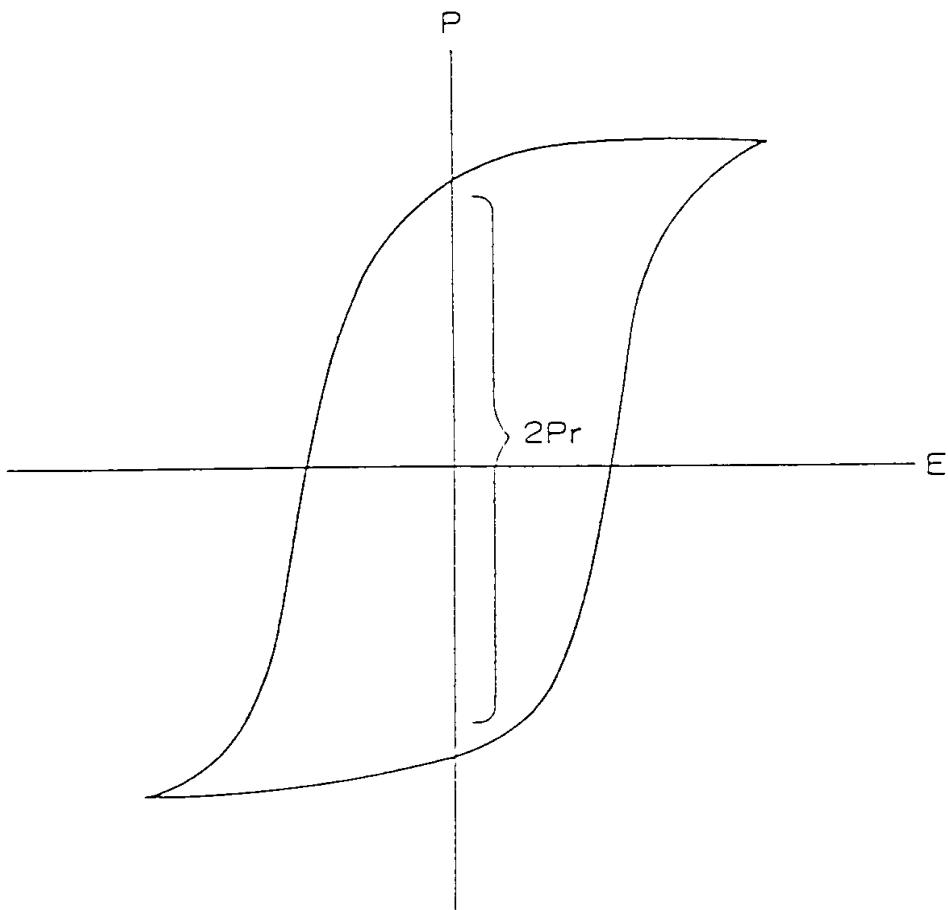


FIG.2 PRIOR ART



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FIG.3A

Ti 33A

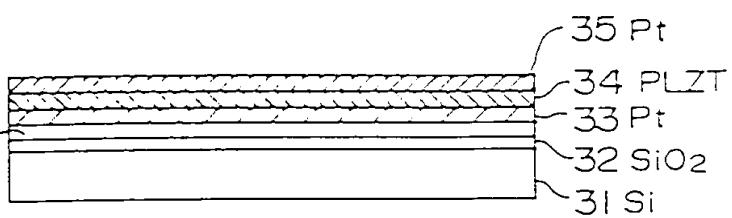


FIG.3B

33A

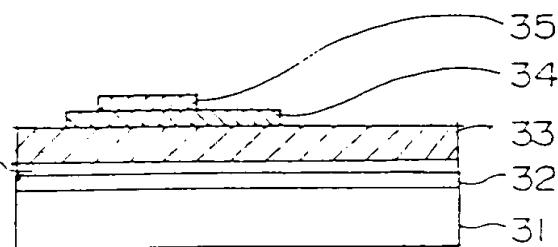


FIG. 4A

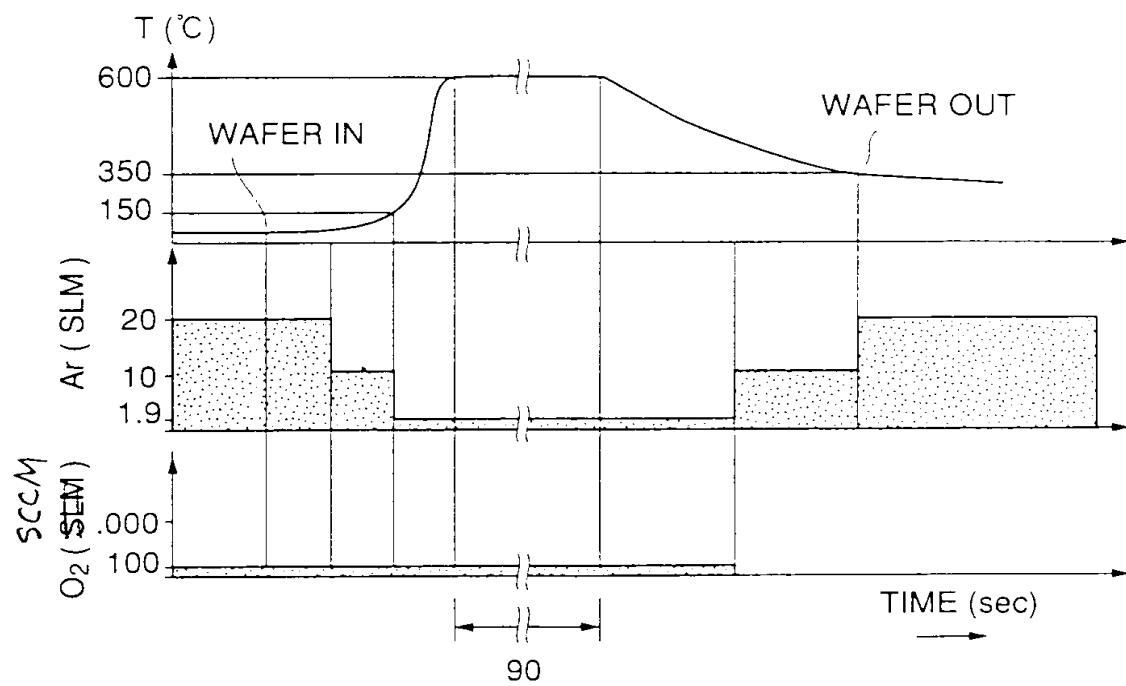


FIG. 4B

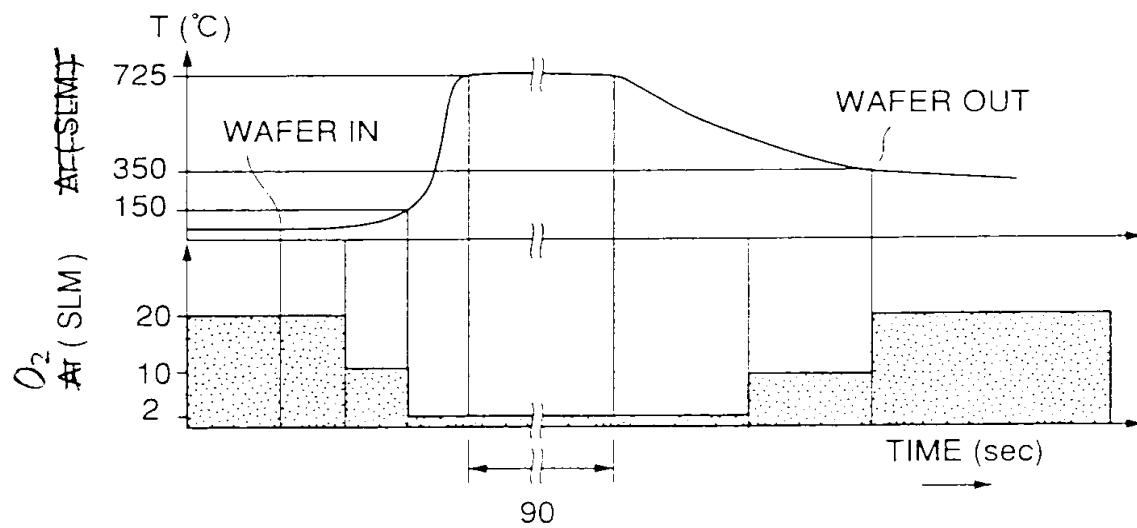


FIG.5A

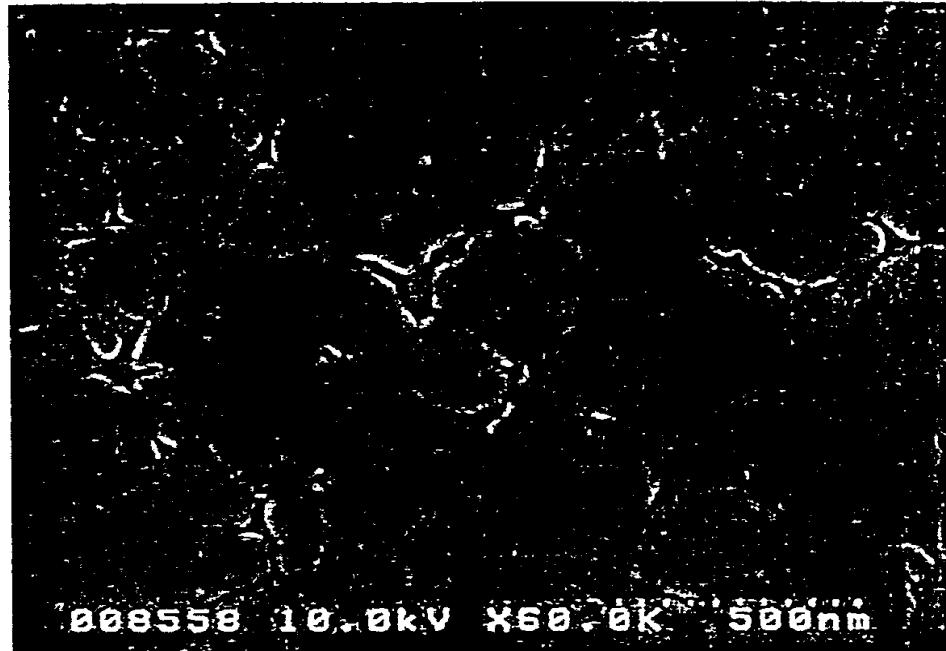


FIG.5B

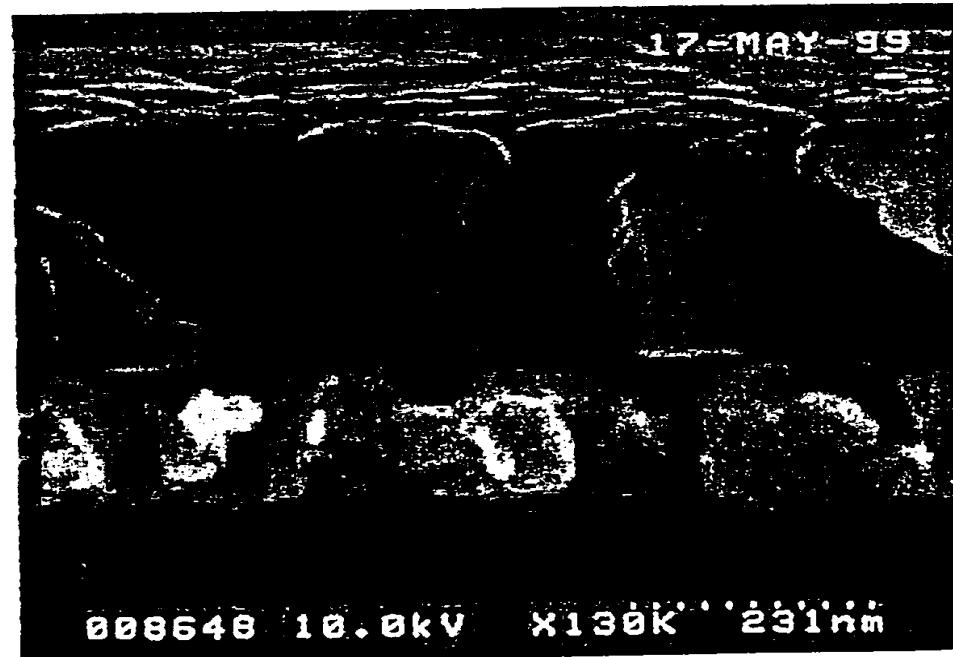


FIG.6A



FIG.6B

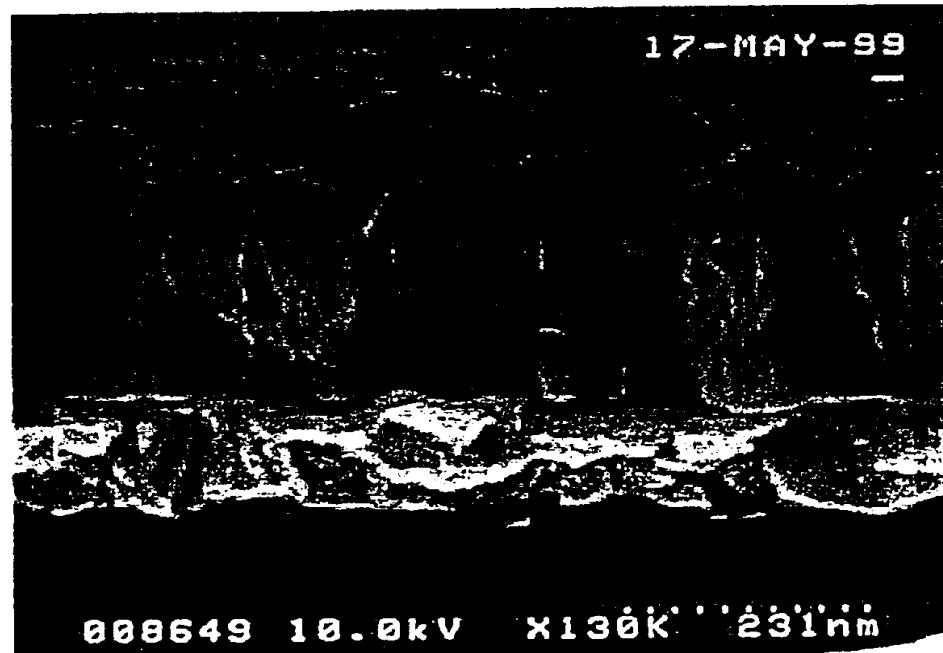


FIG.7A

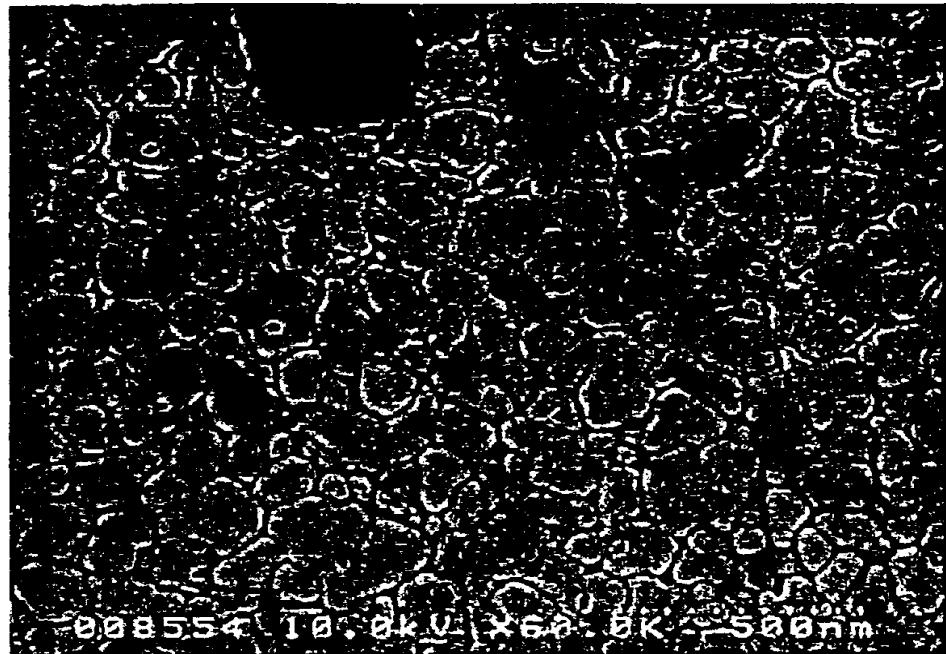


FIG.7B

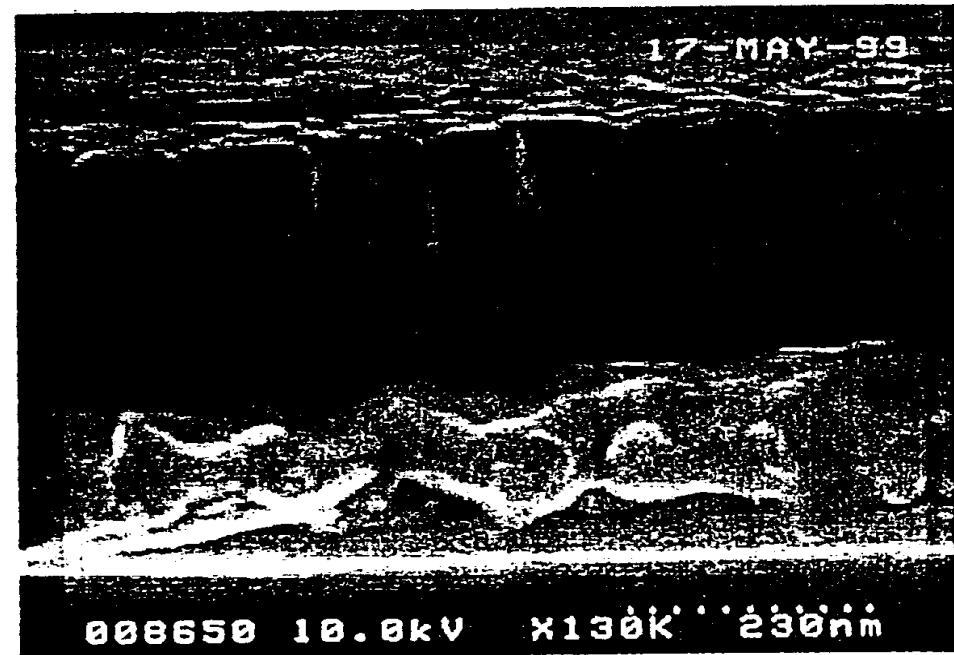


FIG.8A

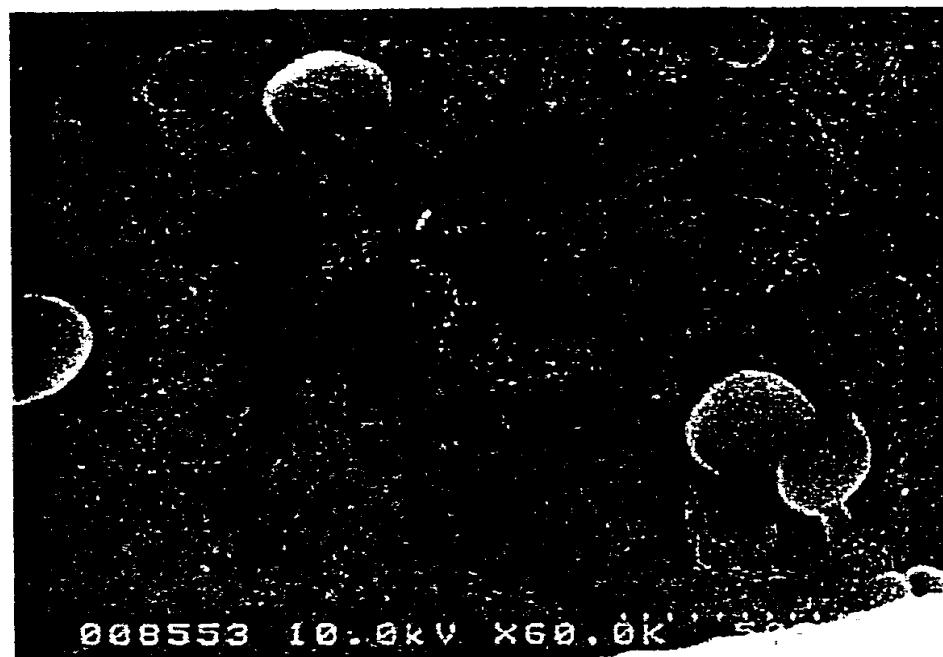


FIG.8B

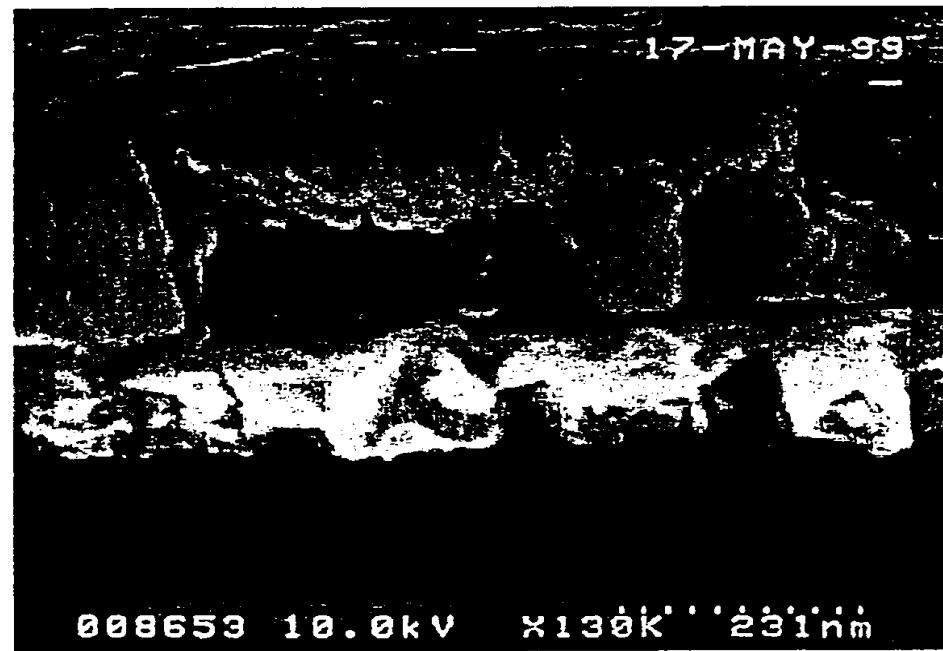


FIG.9A

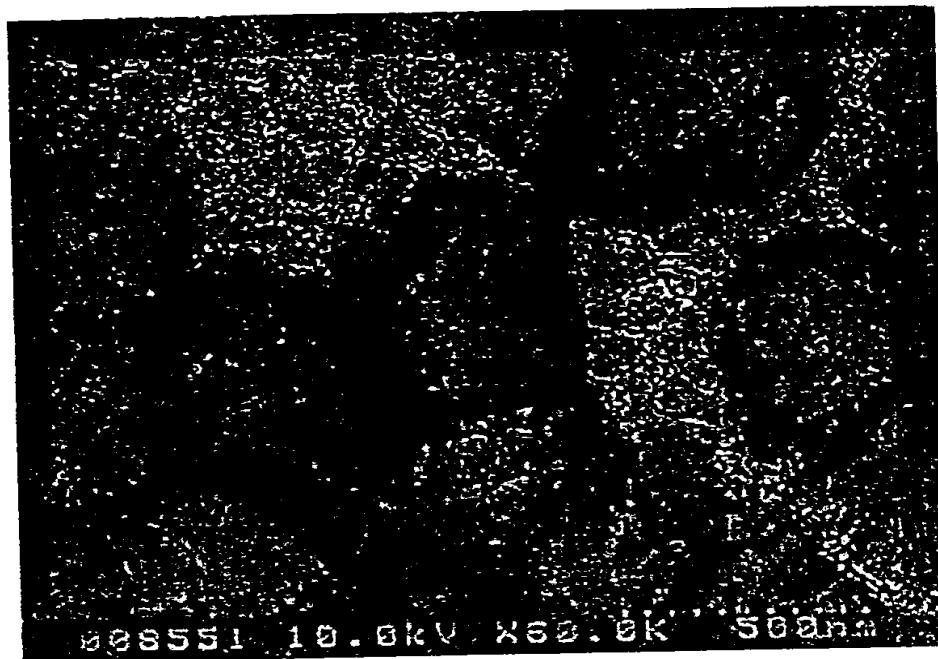


FIG.9B

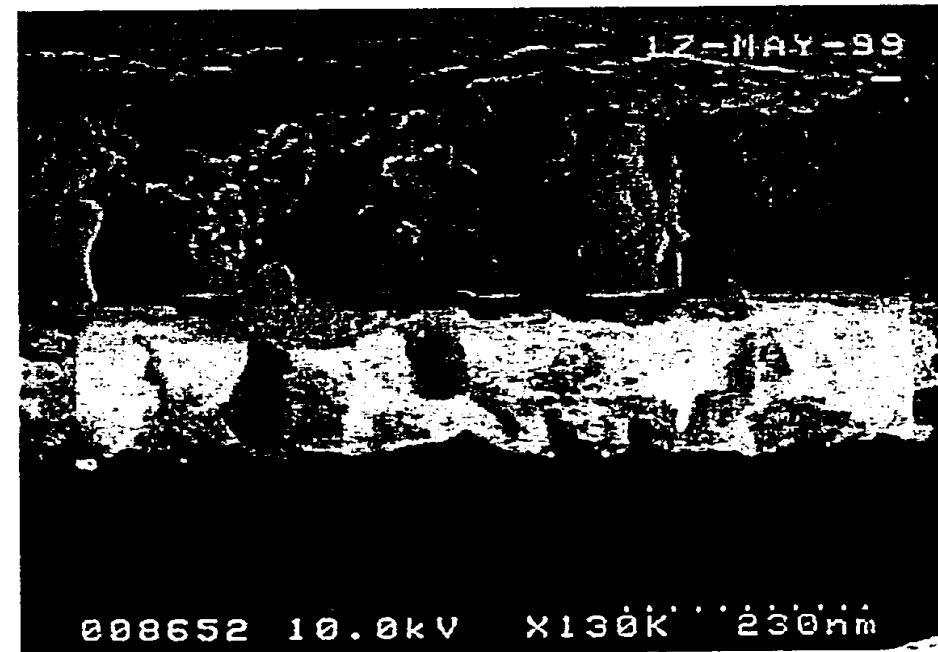


FIG.10A

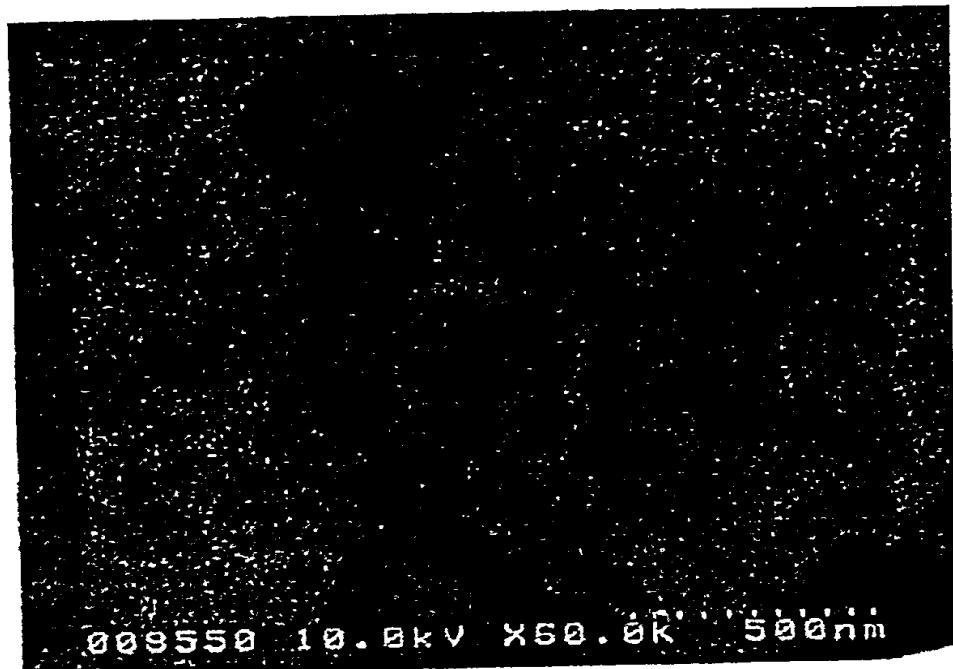
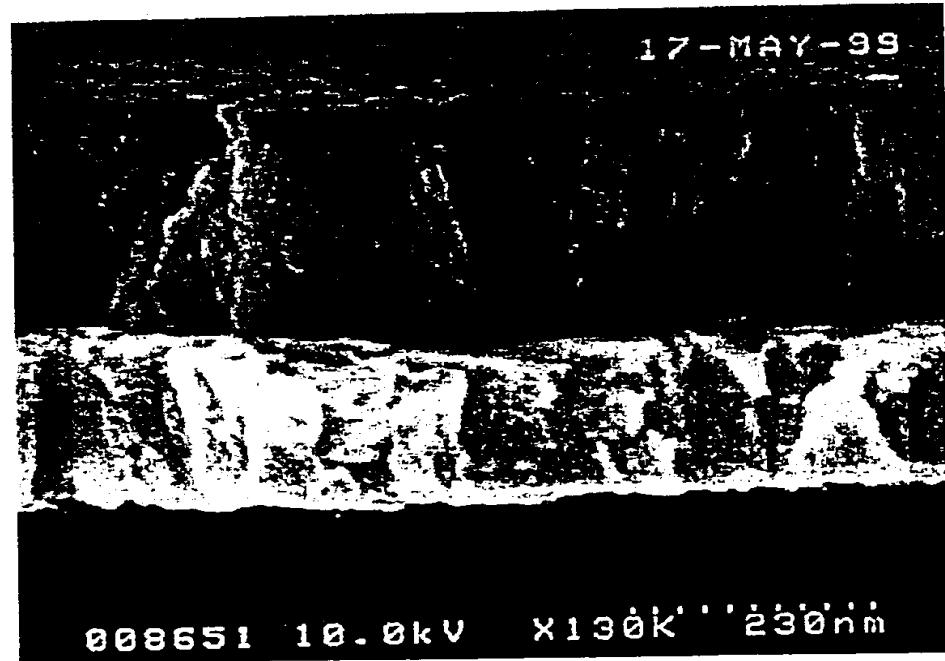


FIG.10B



SINGLE STEP
Ar 100%

FIG.11A

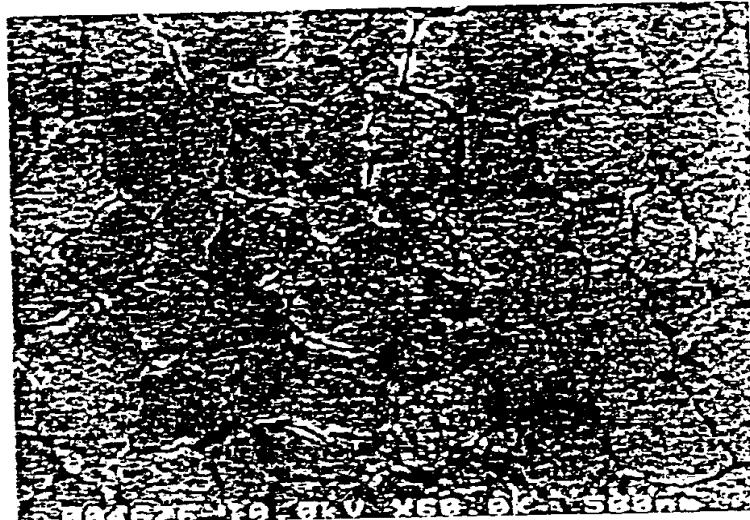


FIG.11B



TWO STEP
1st Ar 100%

FIG.12



FIG. 13

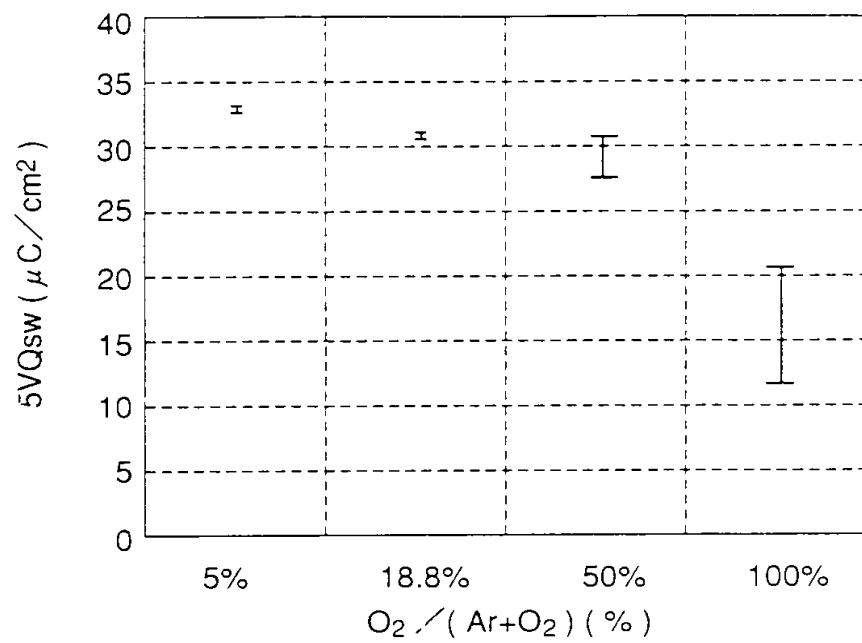


FIG. 14

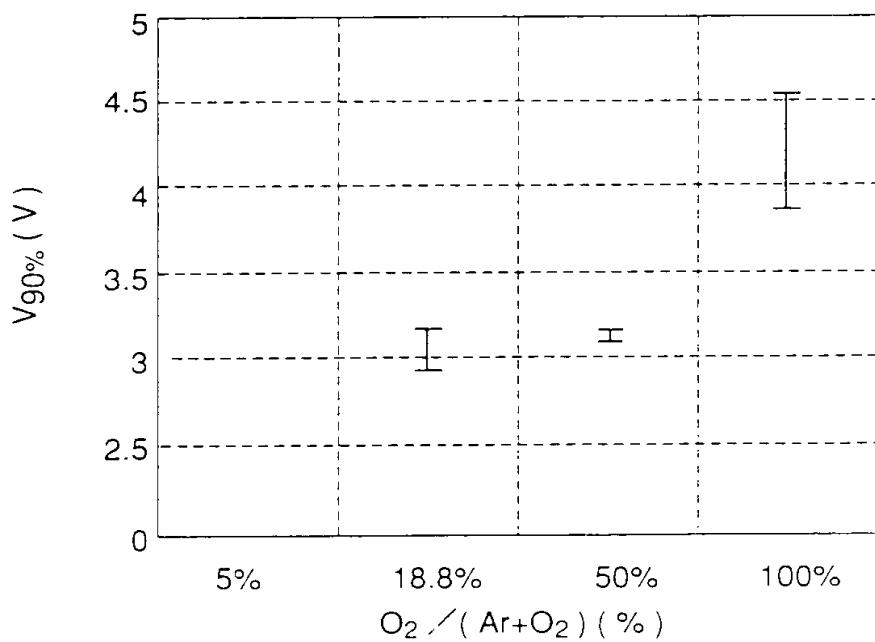


FIG.15

Volume fraction of
 $<111>$ orientation

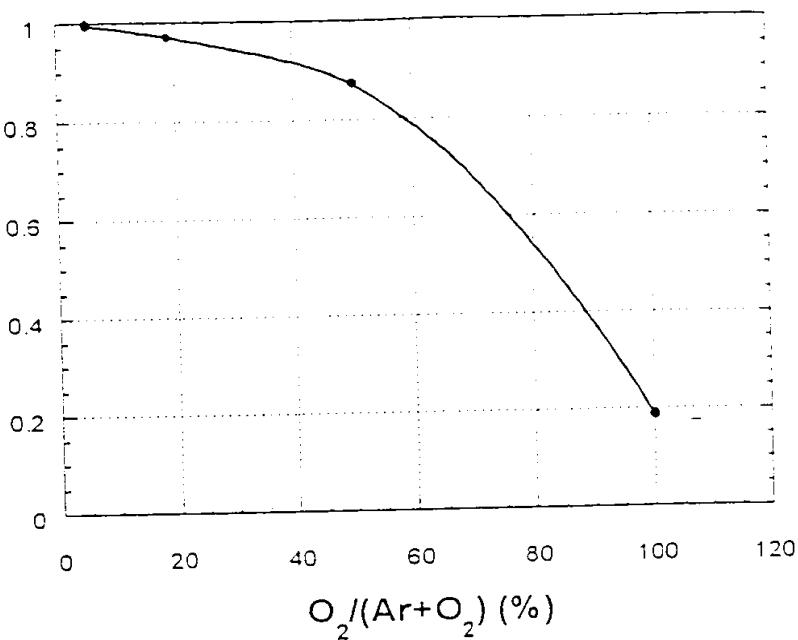


FIG.16

Volume fraction of
 $<100>$ orientation

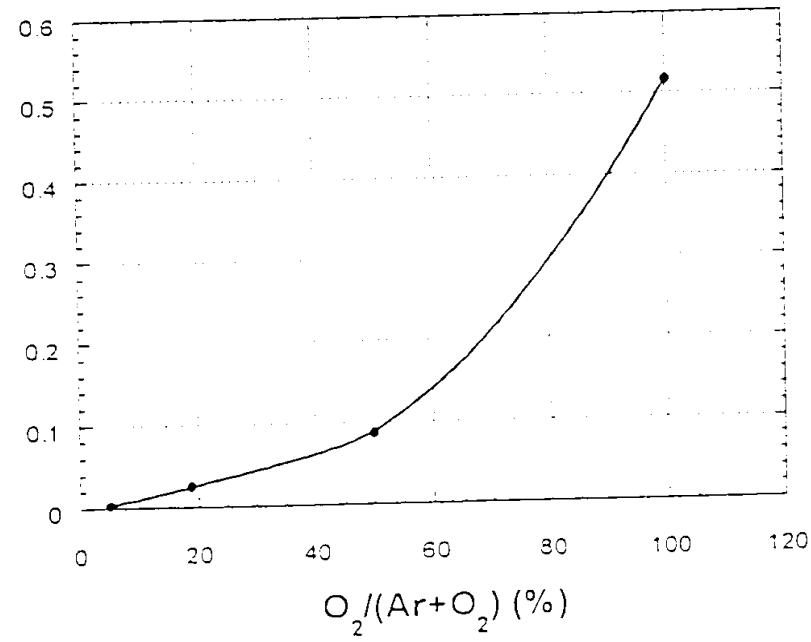


FIG 17

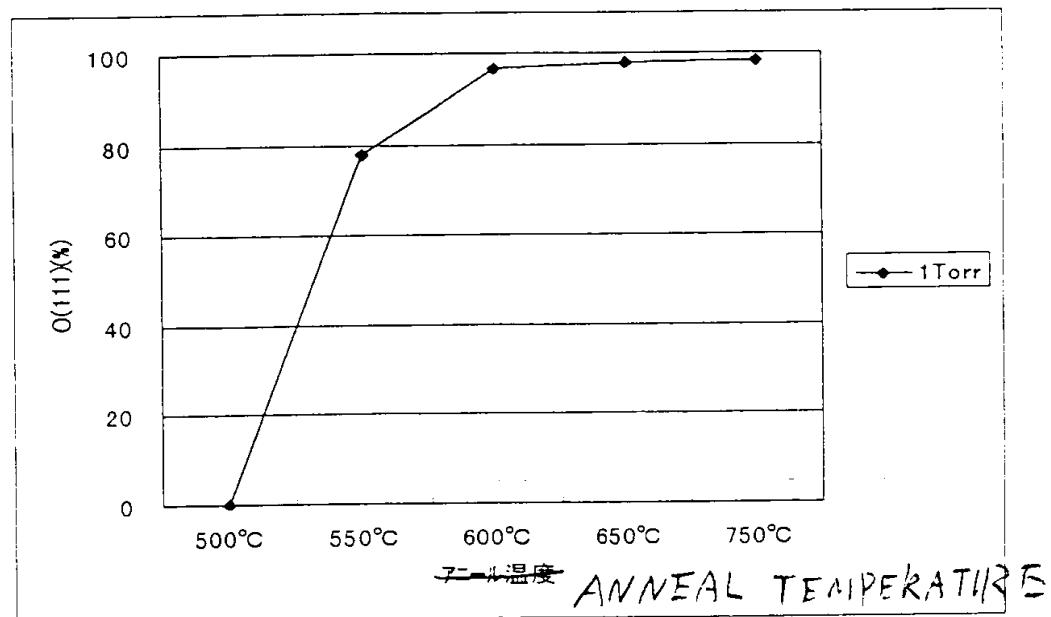


図 2

FIG 18

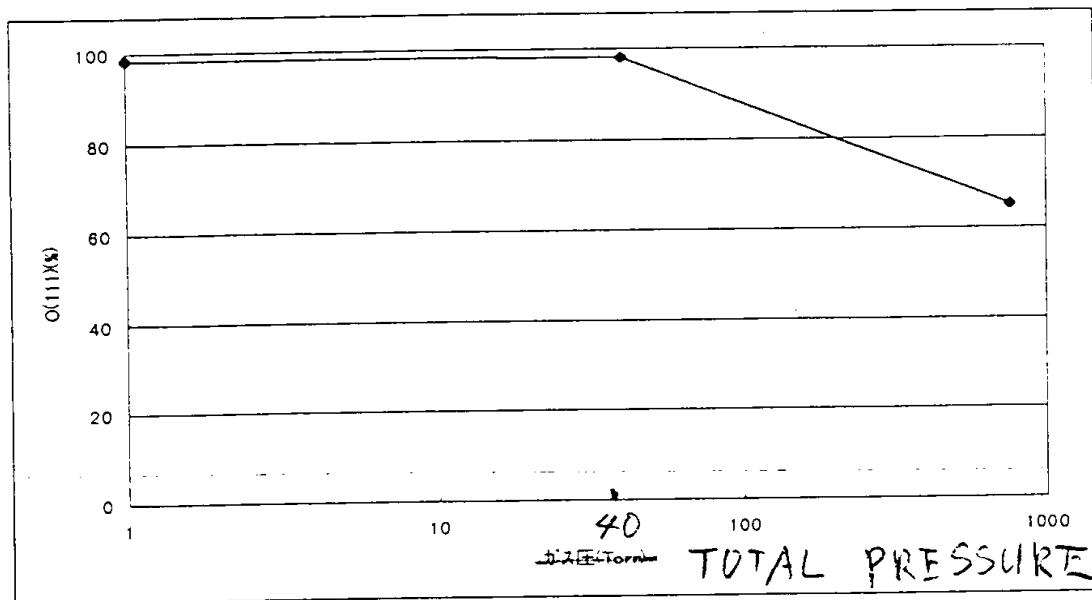


図 3

FIG 19

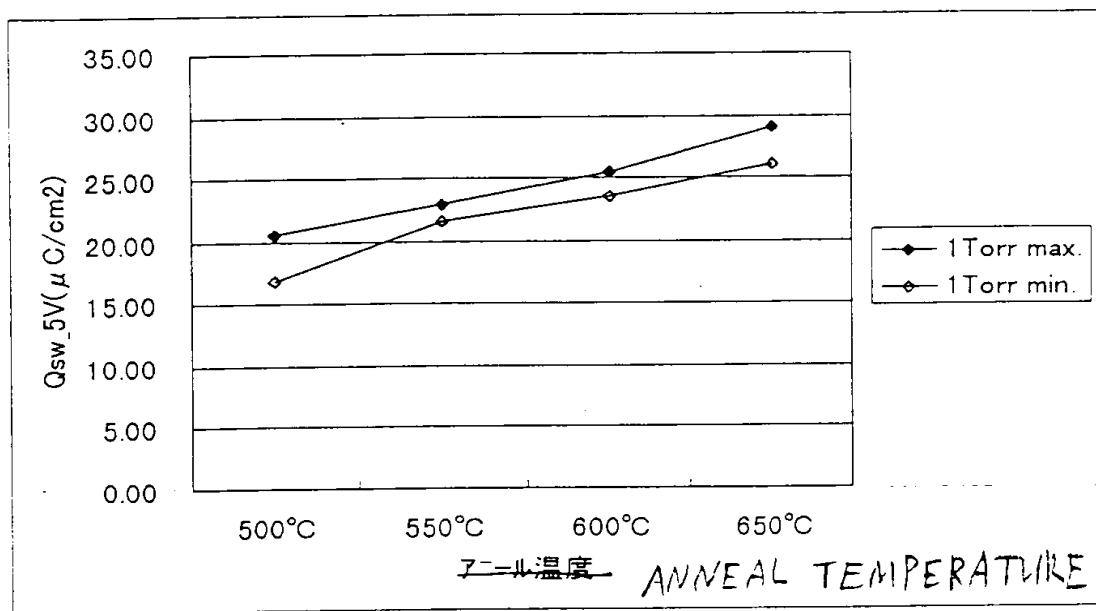


図 4

FIG20

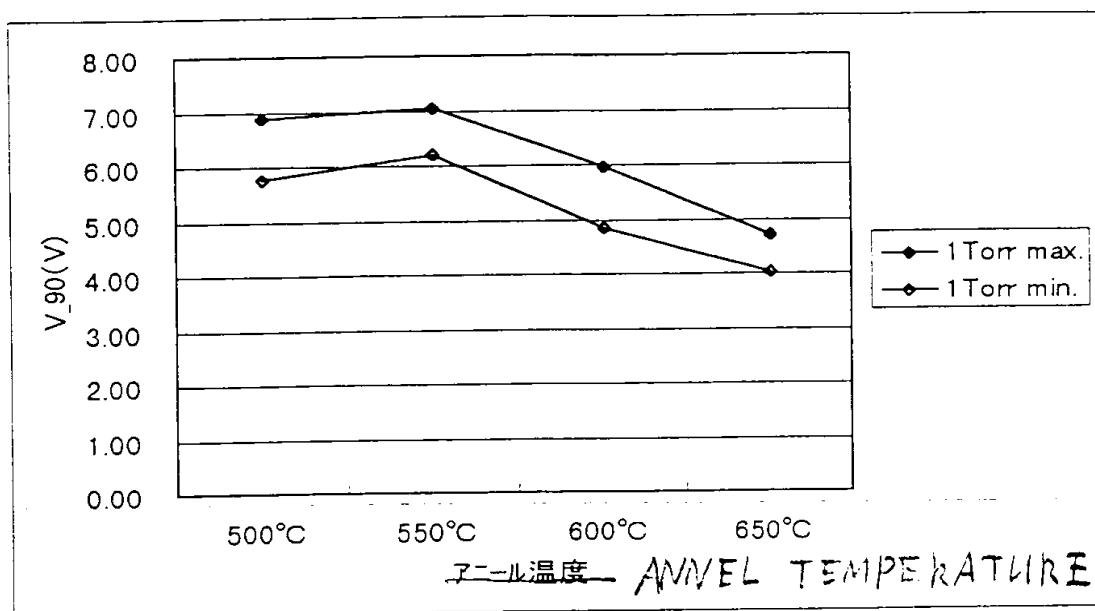


図 5

FIG 21A

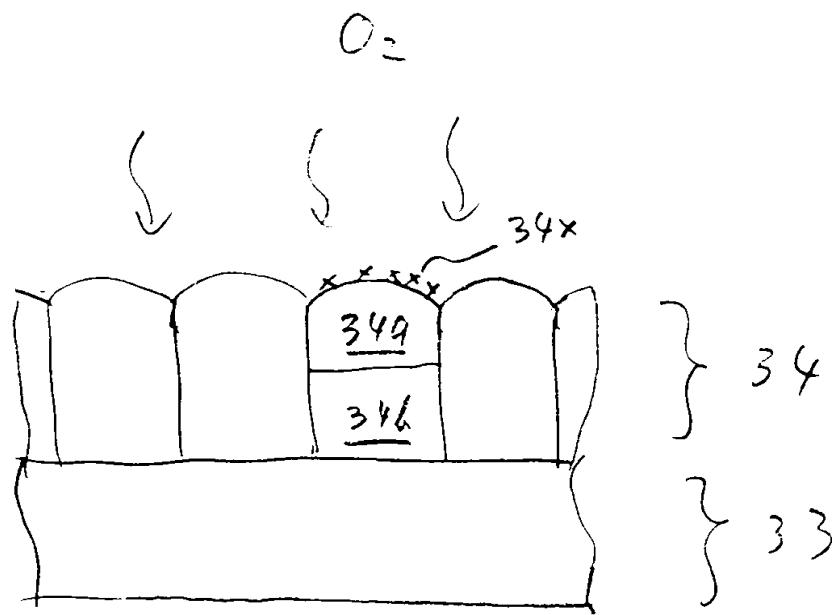
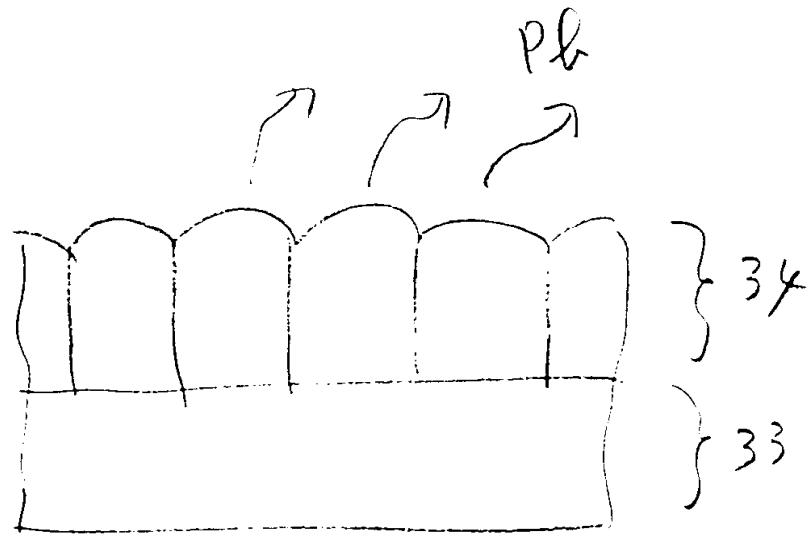
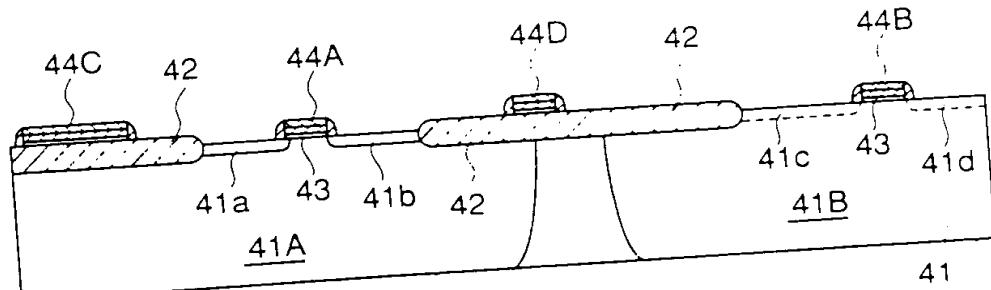


FIG 21B

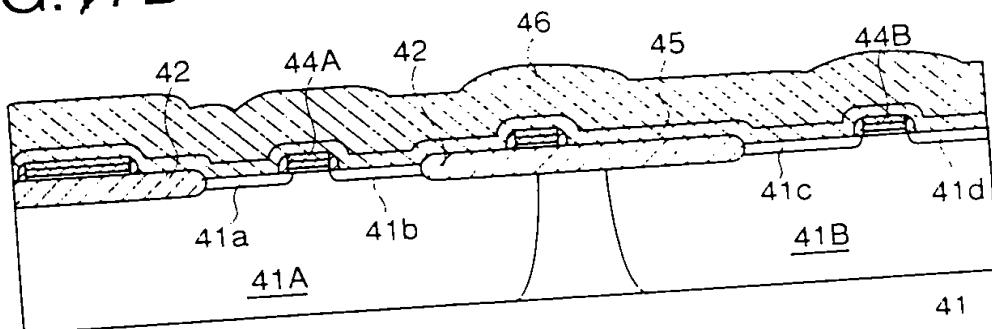


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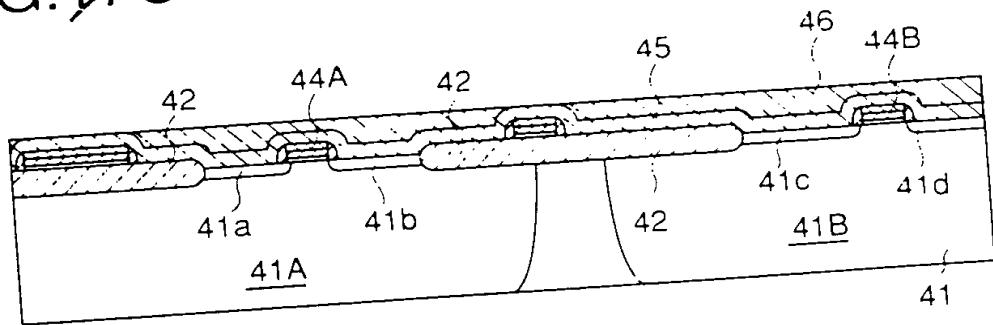
FIG. 17A



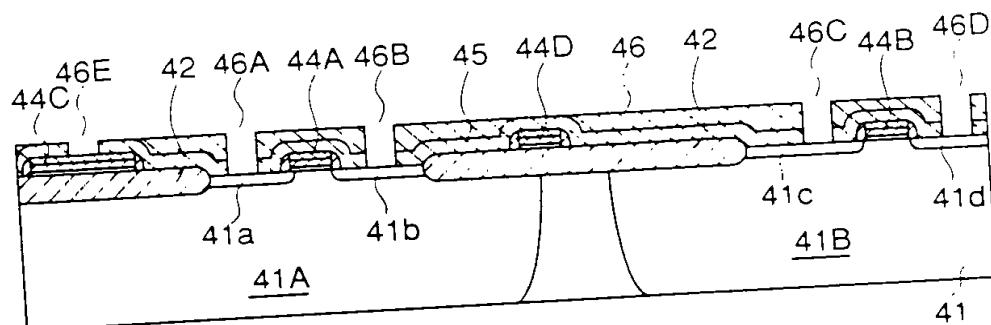
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FIG. 17B



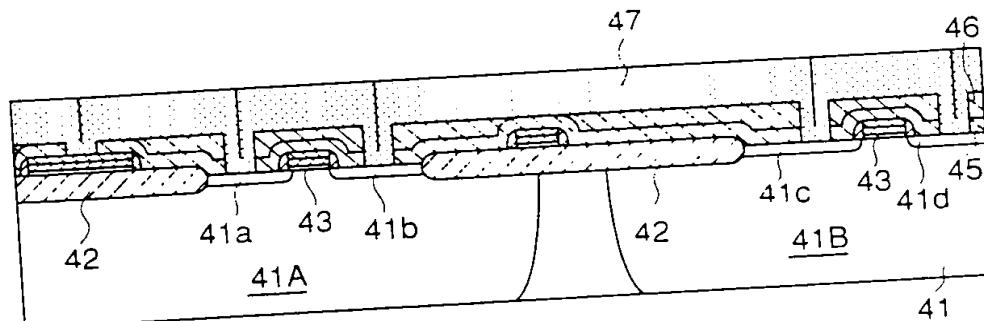
22
FIG. 17C



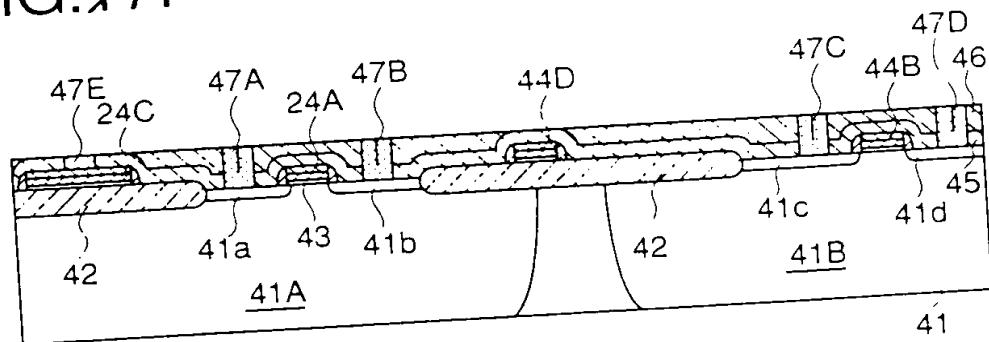
22
FIG. 17D



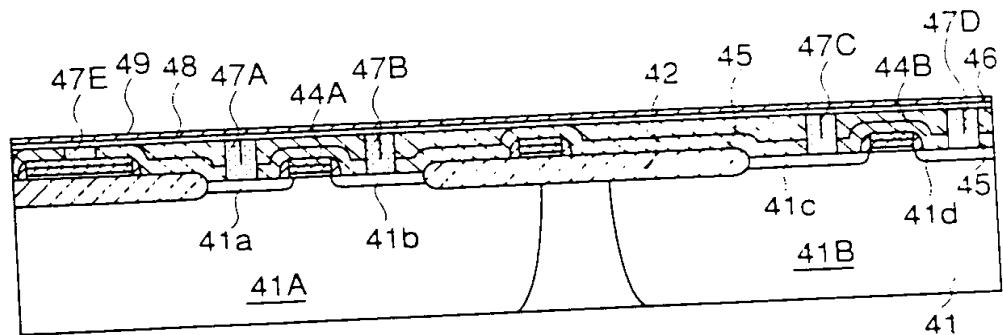
22
FIG. 17E



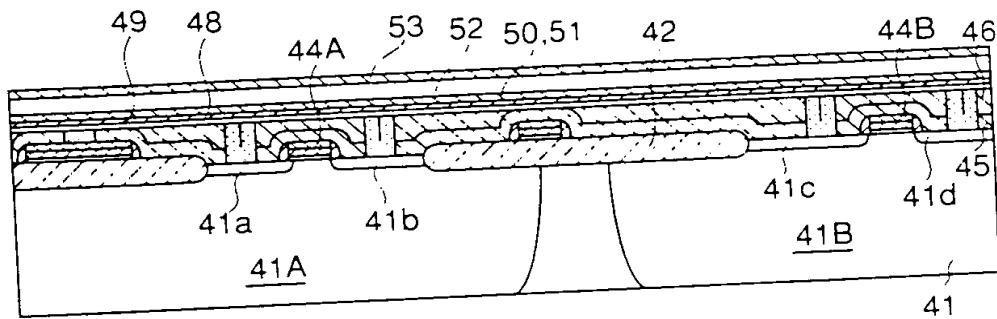
22
FIG. 17F



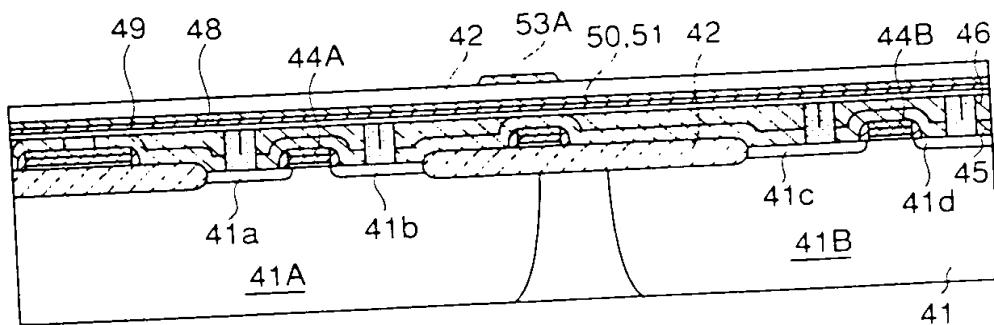
22
FIG. 17G



22
FIG. 17H

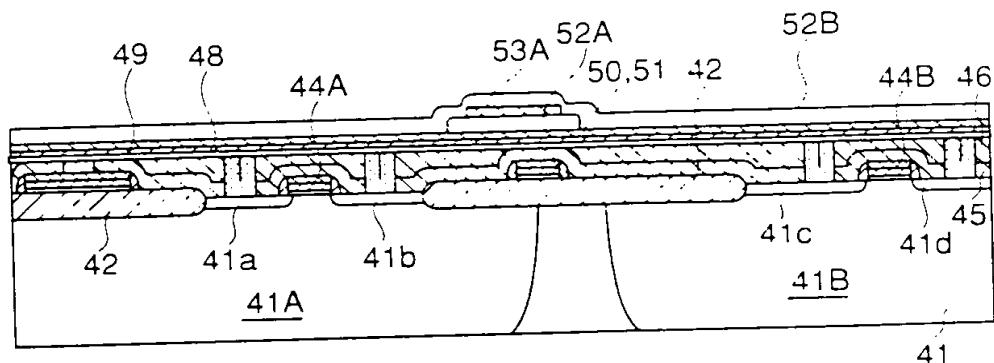


22
FIG. 17I



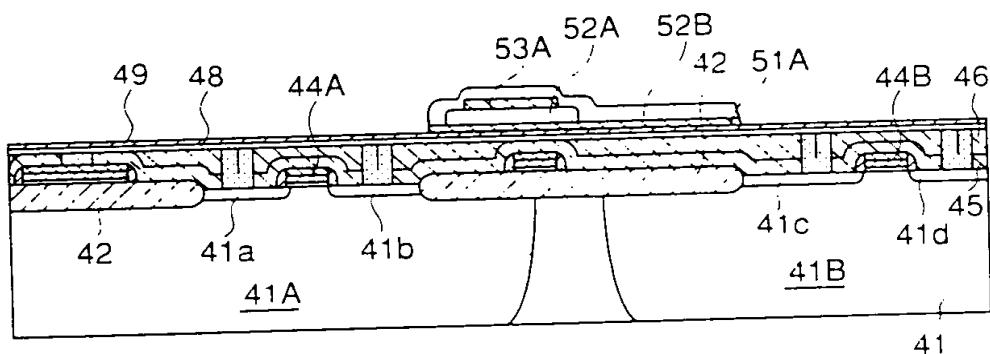
22

FIG. 17J



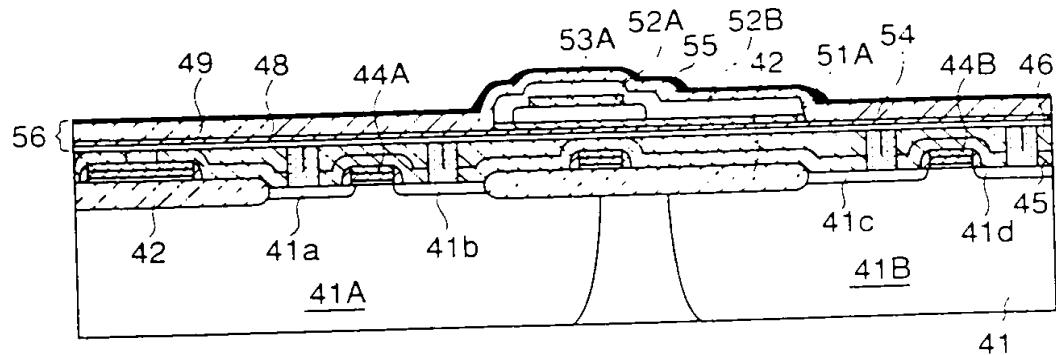
22

FIG. 17K

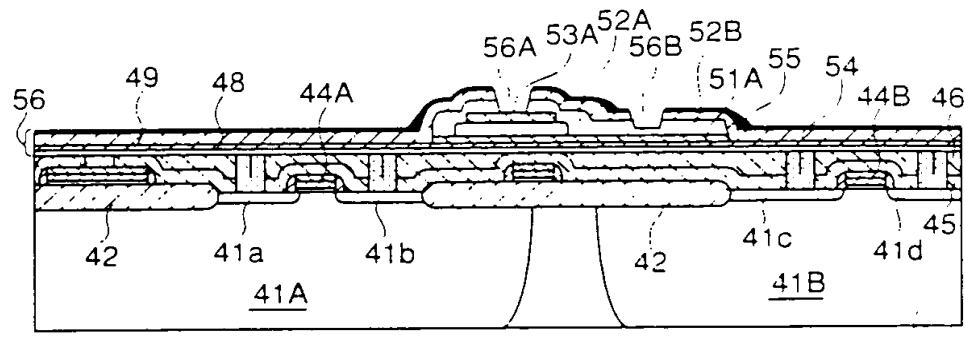


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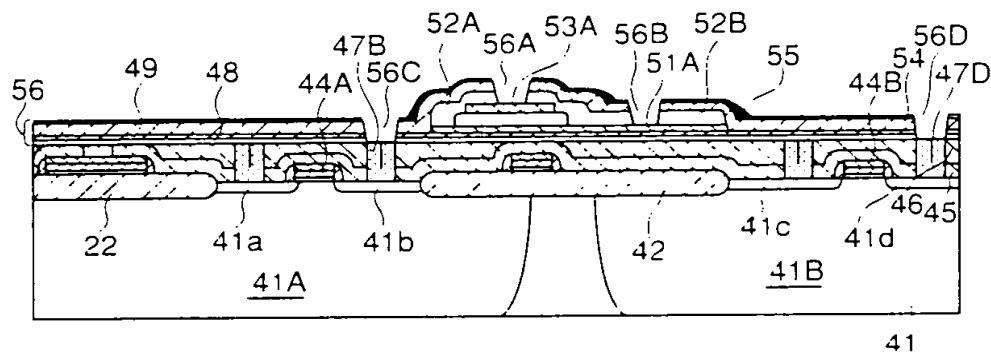
FIG. 17L



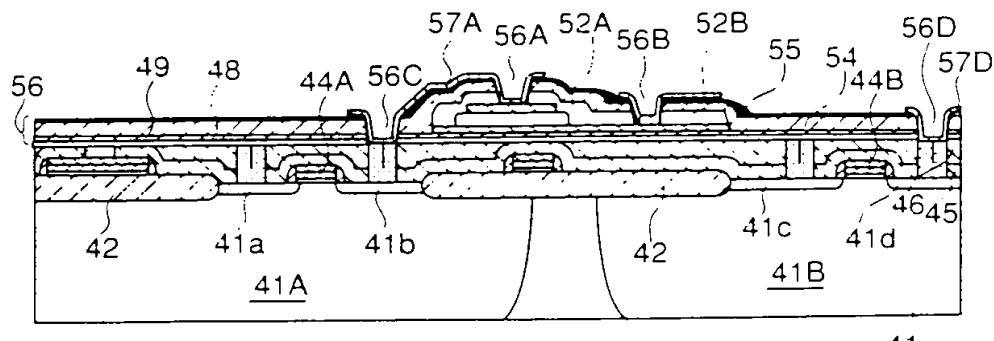
22
FIG. 17M



22
FIG. 17N

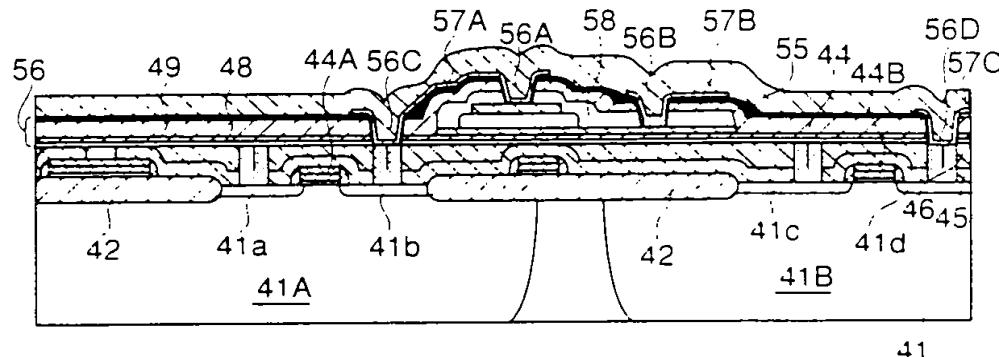


22
FIG. 17O



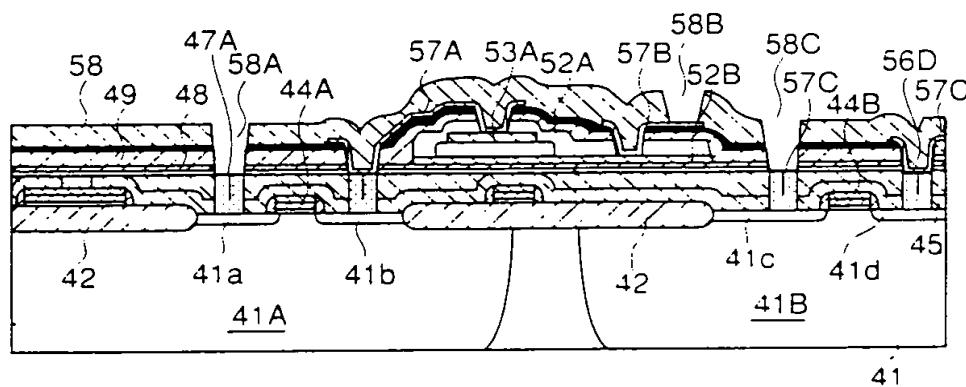
22

FIG. 17P



22

FIG. 17Q



22

FIG. 17R

